



## An Integrated Approach to Compliance for Life Sciences Companies

### Product Features

**FDA 21 CFR Part 11 & GMP Compliant**

**Electronic Signatures Capability**

**Corrective Action & Preventive Action (CAPA)**

**Deviations Control**

**Quality Orders & QA Inspections**

**Enhanced Lot/Batch & Component Traceability**

**Recall Management & Effectiveness**

**Audit Trail**

**Controlled Document Management**

**Computer System Validation (CSV)**

### QCS™ is Built on Microsoft D365 for Operations

- Enhance your Investment: D365 for Operations (Dynamics AX) combined with QCS™ delivers an upgraded and fully integrated solution that serves the complex requirements of companies in Life Science companies
- QCS™ was designed and developed by in-house regulatory experts to ensure compliance with FDA 21 Code of Federal Regulations (CFR) Part 11 and global GMP regulations
- Allows for leveraging of system wide business data for quality management and quality improvement initiatives

### Make Compliance Your Business Advantage

- Compliant processes ready for implementation
- Eliminate the use of unnecessary quality management software solutions and paperwork with your ERP
- Reduces cost, supports efficiency and cGMP compliant
- A validated solution with huge savings in costs compared to a separate validation effort with multiple partners
- Meets FDA, Health Canada and EU compliance requirements

### Good Manufacturing Practices (GMP) Made Easy

- **Electronic Batch Records:** Capture manufacturing and environmental details from raw material /components thru to finished packaging complete with e-signatures
- **Electronic Signatures:** authorize and maintain security at sign-off points necessary in production & quality control
- **CAPA:** manage non-conformances & deviations with on-line CAPA
- **Recall Management:** most effective control of recalls
- **Quality Management:** Issue quality orders for quality control and Inspections
- **Computer System Validation:** ensure accuracy, reproducibility, reliability, security, integrity and performance
- AXSource® offers full range CSV services for any solution interfaced with QCS™

# Features Overview

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| <p><b>Electronic Signatures (e-Signatures)</b></p> | <ul style="list-style-type: none"> <li>• Enables compliance with industry and government regulations, including 21 CFR Part 11</li> <li>• Apply preventive controls on changes to validated software</li> <li>• Setup authorized approvers with various security levels</li> <li>• Maintain authorizations electronically and save time; eliminate hardcopy records</li> </ul> |
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| <p><b>Electronic Batch Records</b></p> | <ul style="list-style-type: none"> <li>• Complete management of production &amp; quality control inputs during manufacturing reducing paperwork</li> <li>• Complete control of GMP records, procedures and documentation to support compliance from raw materials, components, in-process, bulk, packaging, labeling and finished goods</li> <li>• Record of unique production parameters necessary to meet cGMPs for your products</li> <li>• Access deviation control feature for non-conformances during production</li> <li>• Formula management and yield determinations; line clearance</li> <li>• Leverages ERP data removing duplication &amp; any redundancies</li> <li>• Enables compliance with industry &amp; GPP regulations, including 21 CFR Part 11</li> </ul> |
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| <p><b>Material Control and Recall Management</b></p> | <ul style="list-style-type: none"> <li>• Complete traceability for all material lot/serial numbers</li> <li>• Control of raw material, component, and product traceability processes</li> <li>• Management of material status at various point of production and quality control</li> <li>• Hold/quarantine management to expedite recalls and product withdrawals</li> <li>• Control of raw material, in-process and finished goods expiry and retesting requirements for risk mitigation</li> </ul> |
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| <p><b>Corrective and Preventive Action (CAPA)</b></p> | <ul style="list-style-type: none"> <li>• Meets regulatory requirements for a compliant quality management system</li> <li>• Assignment of Quality Assurance investigators with automated workflow and approval processes and detailed documentation archiving</li> <li>• Maintain detailed records on corrective action and preventive actions taken</li> <li>• Tracking of non-conformances, deviations and audit non-conformances to prevent future occurrences</li> <li>• Eliminates purchase of supplementary document management software with your ERP</li> <li>• Allows identification of quality trends for compliance</li> </ul> |
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| <p><b>Controlled Document Management</b></p> | <ul style="list-style-type: none"> <li>• Reduces time, effort, and costs associated with manual and paper-based processes</li> <li>• Integrated quality control and product safety document management solution for batch records, DMRs, CAPA, SOPs, audits, complaints, GMPs and more</li> <li>• Reduces cost of ownership with ERP and quality management solution integration</li> </ul> |
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